Assignment -1
Python Programming

Assignment Date	15 October 2022
Student Name	Ashwini A
Student Roll Number	311419205003
Maximum Marks	2 Marks

Sales Rep by Location colored by Sales Rep

Received Inventory by Supplier colored by Received Inventory

Over all **suppliers**, the sum of **Received Inventory** is almost 1.8 million.

Received Inventory ranges from 360 thousand, when **Supplier** is Pfizer, to 650 thousand, when **Supplier** is Astra Zeneca.

Screenshot 1 — IBM Cognos Analytics with Watson

Browser tabs: My IBM | Assignment-2-exploration | +

URL: us1.ca.analytics.ibm.com/bi/?perspective=explore&id=iDDF78B1EBE5C4A1CA4B513DD70696092&objRef=iDDF78B1EBE5C4A1CA4B513DD70696092&options%5Bdisab...

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Create +   ∧ 8/11 ∨   Sync ∨

Analytics   Details   Filters   Fields   Properties

Cards

7

Location by Month / Period

8

Actual for Supplier and Period

Data relationships

Chart A
Location by Month

Month
● Sep...
● Dec...
● Mar...
● July
● Jan...

Chart B
Period

100%
–

Summary	Chart A : Location	Chart B : Period	Combined
Minimum	4	4	-
Maximum	7	4	-
Chart perc... data set	100%	100%	-
Chart total	10	4	-
Difference...art totals			-

Details

No visualization selected

Select a visualization to display the details and analysis of your data.

Activate Windows
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Screenshot 2 — IBM Cognos Analytics with Watson

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Create +   ∧ 7/11 ∨   Line and column   Related   Compare

Analytics   Details   Fields   Properties

Cards

6

Received Inven...onth by Actual

7

Location by Month / Period

Data relationships

Received Inventory and Month by Actual

Column   Line
● Month (Count distinct)   ● Received Inventory (Sum)

Month (Count distinct) — left axis: 0, 1, 2, 3, 4, 5, 6
Received Inventory (Sum) — right axis: 0, 20,000, 40,000, 60,000, 80,000, 100,000, 120,000

X-axis: 4.5 6.48 9.6 10.56 11.25 11.52 13.32 13.68 13.82 15.98 16.42 16.59 18.25 19.44 20.9 23.71 25.34 3...

Actual 5

Details

The total number of results for **Month**, across all **Actual**, is 550.

Over all values of **Actual**, the sum of **Received Inventory** is almost 1.8 million.

Received Inventory ranges from sixteen thousand, when **Actual** is 19.1808, to 105 thousand, when **Actual** is 9.6.

Received Inventory is unusually high when **Actual** is 9.6, 11.52 and 17.6.

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